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| /TT/     |
| 04/20/11 |

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 1294 | 356/128-135.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2011/04/20<br>15:37 |
| L2    | 3277 | 250/237R.ccls.<br>250/237G.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2011/04/20<br>15:37 |
| L3    | 995  | 340/618-619.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2011/04/20<br>15:37 |
| L4    | 5548 | L1 L2 L3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2011/04/20<br>15:37 |
| L5    | 175  | L4 and ((determin\$4 or calculat\$4 or examin\$4 or inspect\$4 or detect\$4 or measur\$4) with fluid\$4 with (parameter\$1 or index\$3 or refract\$4 or absor\$5 or reflect\$4 or turbidit\$4) with light\$1) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2011/04/20<br>15:37 |

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| L6 | 177 | L4 and ((determin\$4 or calculat\$4 or examin\$4 or inspect\$4 or detect\$4 or measur\$4 or identif\$4) with fluid\$4 with (parameter\$1 or index\$3 or refract\$4 or absor\$5 or reflect\$4 or turbidit\$4 or state\$1) with light\$1)                                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 15:37 |
| L7 | 111 | L4 and ((determin\$4 or calculat\$4 or examin\$4 or inspect\$4 or detect\$4 or measur\$4 or identif\$4) with fluid\$4 with (parameter\$1 or index\$3 or refract\$4 or absor\$5 or reflect\$4 or turbidit\$4 or state\$1) with light\$1 with index\$3)                    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 15:38 |
| L8 | 106 | L4 and ((determin\$4 or calculat\$4 or examin\$4 or inspect\$4 or detect\$4 or measur\$4 or identif\$4) with fluid\$4 with (parameter\$1 or index\$3 or refract\$4 or absor\$5 or reflect\$4 or turbidit\$4 or state\$1) with light\$1 with (refract\$4 near1 index\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 15:38 |
| L9 | 12  | 8 and ((measur\$4 or calculat\$4 or compar\$4 or inspect\$4 or detect\$4 or determin\$4) with (chang\$3 or differen\$4 or alter\$4) with (pattern\$4 or imag\$4) with fluid\$3)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 15:40 |

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| L10 | 12     | 8 and ((measur\$4 or calculat\$4 or compar\$4 or inspect\$4 or detect\$4 or determin\$4 or examin\$4) with (chang\$3 or differen\$4 or alter\$4) with (pattern\$4 or imag\$4) with fluid\$3)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 15:41 |
| L11 | 3      | 10 and (polariz\$5 near5 filter\$3)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 15:42 |
| L12 | 260832 | "356".clas. "250".clas.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 16:36 |
| L13 | 290    | L12 and ((determin\$4 or calculat\$4 or examin\$4 or inspect\$4 or detect\$4 or measur\$4 or identif\$4) with fluid\$4 with (parameter\$1 or index\$3 or refract\$4 or absor\$5 or reflect\$4 or turbidit\$4 or state\$1) with light\$1 with (refract\$4 near1 index\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 16:36 |
| L14 | 182    | 12 and ((measur\$4 or calculat\$4 or compar\$4 or inspect\$4 or detect\$4 or determin\$4 or examin\$4) with (chang\$3 or differen\$4 or alter\$4) with (pattern\$4 or imag\$4) with fluid\$3)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 16:36 |

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|-----|-----|---|--|----|-----|------------------|
| L15 | 25  | L14 and ((determin\$4 or calculat\$4 or examin\$4 or inspect\$4 or detect\$4 or measur\$4 or identif\$4) with fluid\$4 with (parameter\$1 or index\$3 or refract\$4 or absor\$5 or reflect\$4 or turbidit\$4 or state\$1) with light\$1 with (refract\$4 near1 index\$3))   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 16:37 |
| L16 | 3   | 15 and (polariz\$5 near5 filter\$3)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 16:38 |
| L17 | 137 | ("4776340"<br>"5186057"<br>"4936151"<br>"5305765"<br>"5645438"<br>"5722842"<br>"6008893"<br>"6181429"<br>"4258000"<br>"4261345"<br>"4307618"<br>"4324558"<br>"4324969"<br>"4409428"<br>"4480483"<br>"4538633"<br>"4589285"<br>"4803992"<br>H000704<br>"5215808"<br>"5372783"<br>"5554340"<br>"5587788"<br>"5672887"<br>"5838857"<br>"5917646"<br>"6120734"<br>"6173001"<br>"6195478"<br>"6208778" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 16:39 |

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|-----|---|---|--|----|-----|------------------|
|     |   | "4244012"<br>"4245886"<br>"4253448"<br>"4282481"<br>"4284605"<br>"4286839"<br>"4286627"<br>"4290538"<br>"4295721"<br>"4297032"<br>"4297887"<br>"4308750"<br>"4309080"<br>"4310763"<br>"4311361"<br>"4316649"<br>"4334736"<br>"4336453"<br>"4361402"<br>"4363080" ).pn.    |  |    |     |                  |
| L18 | 0 | 17 and ((measur\$4 or calculat\$4 or compar\$4 or inspect\$4 or detect\$4 or determin\$4 or examin\$4) with (chang\$3 or differen\$4 or alter\$4) with (pattern\$4 or imag\$4) with fluid\$3))  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 16:41 |
| L19 | 0 | L17 and ((determin\$4 or calculat\$4 or examin\$4 or inspect\$4 or detect\$4 or measur\$4 or identif\$4) with fluid\$4 with (parameter\$1 or index\$3 or refract\$4 or absor\$5 or reflect\$4 or turbidit\$4 or state\$1) with light\$1 with (refract\$4 near1 index\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 16:41 |

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|-----|-----|--|---|----|-----|---------------------|
| L20 | 137 | ( "4776340"<br>"5186057"<br>"4936151"<br>"5305765"<br>"5645438"<br>"5722842"<br>"6008893"<br>"6181429"<br>"4258000"<br>"4261345"<br>"4307618"<br>"4324558"<br>"4324969"<br>"4409428"<br>"4480483"<br>"4538633"<br>"4589285"<br>"4803992"<br>H000704<br>"5215808"<br>"5372783"<br>"5554340"<br>"5587788"<br>"5672887"<br>"5838857"<br>"5917646"<br>"6120734"<br>"6173001"<br>"6195478"<br>"6208778"<br>"4244012"<br>"4245886"<br>"4253448"<br>"4282481"<br>"4284605"<br>"4286839"<br>"4286627"<br>"4290538"<br>"4295721"<br>"4297032"<br>"4297887"<br>"4308750"<br>"4309080"<br>"4310763"<br>"4311361"<br>"4316649"<br>"4334736"<br>"4336453"<br>"4361402"<br>"4363080" ).pn. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/20<br>16:43 |
|-----|-----|--|---|----|-----|---------------------|

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| L21 | 0 | 20 and ((determin\$4 or calculat\$4 or examin\$4 or inspect\$4 or detect\$4 or measur\$4 or identif\$4) with fluid\$4 with (parameter\$1 or index\$3 or refract\$4 or absor\$5 or reflect\$4 or turbidit\$4 or state\$1) with light\$1 with (refract\$4 near1 index\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 16:43 |
| L22 | 0 | 20 and ((measur\$4 or calculat\$4 or compar\$4 or inspect\$4 or detect\$4 or determin\$4) with (chang\$3 or differen\$4 or alter\$4) with (pattern\$4 or imag\$4) with fluid\$3)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/20 16:44 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query  | DBs         | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-------------|------------------|---------|------------------|
| L23   | 5    | (transparen\$4 and diffus\$4 and fluid\$3 and refract\$4 and index\$3 and imag\$3).clm. | USPAT; UPAD | OR               | OFF     | 2011/04/20 16:45 |
| L24   | 0    | 23 and (state\$1 and chang\$3 and polariz\$5).clm.                                      | USPAT; UPAD | OR               | OFF     | 2011/04/20 16:46 |

4/20/2011 4:46:45 PM  
H:\Workspaces\10580475\_090810.wsp